

**ABSTRACT OF THE DISCLOSURE**

A downhole fiber optic wet connect and gravel pack completion. In a  
5 described embodiment, a system for making fiber optic connections in a  
subterranean well includes a first fiber optic connector positioned in the well and  
a second fiber optic connector operatively connected to the first fiber optic  
connector after the first fiber optic connector is positioned in the well. A method  
of monitoring a subterranean well includes the steps of: positioning a fiber optic  
10 line in the well, the fiber optic line extending in a formation intersected by the  
well; positioning another fiber optic line in the well, the fiber optic line extending  
to a remote location; operatively connecting the fiber optic lines while the fiber  
optic lines are in the well; and monitoring a well parameter using a sensor  
operatively coupled to the fiber optic line extending in the formation.